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Substitute INPOR	Substitute form 1449A/PTO INDERMATION DISCLOSURE STATEMENT		Complete if Known		
	BY APPLICA	NT		Application Number	10/560,073
	November 18,	2009		Filing Date	December 9, 2005
	November 10,	2005		First Named Inventor	T. MASUKO
	(use as many sheets as	necessa	(עכ	Art Unit	1794 (Confirm. No. 9636)
				Examiner Name	Anish P. Desai
Sheet	1	of	4	Attorney Docket Number	1204.45684X00

	U.S. PATENT DOCUMENTS								
Examiner Initials'	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant				
		Number-Kind Code ² (if known)		<u> </u>	Figures Appear				
		US-		<u> </u>					
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	FOREIGN PATENT DOCUMENTS									
Foreign P		Foreign Patent Document			Pages, Columns, Lines, Where Relevant					
Examiner Initials'	Cite No.1	Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Passages or Relevant Figures Appear	T ⁶				
		JP 2004-292821	10/21/2004	T. Masuko, et al.		Α				
		JP 2004-211053	07/29/2004	T. Masuko, et al.		Α				
		JP 2004-083836	03/18/2004	T. Masuko, et al.		Α				
		WO 2004/111148	12/23/2004	T. Masuko, et al.		Α				
		JP 2003-338580	11/28/2003	Y. Osawa, et al.		Α				
		JP 11-087927	03/30/1999	S. Nakamura, et al.		Α				

		NON PATENT LITERATURE DOCUMENTS	T
Examiner Cite No.		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Т
		Japanese Official Action issued on August 18, 2009, for Application No. 2005-506989.	Т
		Japanese Official Action issued on August 18, 2009, for Application No. 2004-148110.	Т
		Japanese Official Action issued on August 18, 2009, for Application No. 2005-342437.	Т
	000000000000000000000000000000000000000	Japanese Official Action issued on August 18, 2009, for Application No. 2002-332929.	***************************************

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Examiner		Date	0.1/0.0/0.0.10
Signature	/Anish Desai/	Considered	

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ŀ	100000000000000000000000000000000000000			First Named Inventor	T. MASUKO	
	(use as many sheets as ne	cessa	y)	Art Unit	1794 (Confirm. No. 9636)	
l				Examiner Name	Anish P. Desai	
Sheet	2	of	4	Attorney Docket Number	1204.45684X00	

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		US-	-						
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	-	FOREIG	ON PATENT DO	CUMENTS		
Examiner Initials'	Cite No.1	Foreign Patent Document Country Code ³ –Number ⁴ –Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T [®]
•		JP 2002-161251	06/04/2002	T. Uehara, et al.		Α
		JP 2002-158239	05/31/2002	T. Masuko, et al.		Α
		JP 2002-155262	05/28/2002	T. Masuko, et al.		Α
		JP 11-209729	08/03/1999	T. Masuko, et al.		Α
		JP 11-209728	08/03/1999	T. Masuko, et al.		Α
		JP 11-40386	05/25/1999	T. Masuko, et al.		Α
		JP 10-330723	12/15/1998	Y. Hasegawa, et al.		Α
		JP 07-228697	08/29/1995	S. Takeda, et al.		Α
		JP 2002-158276	05/31/2002	K. Aichi, et al.		Α
		JP 2002-121530	04/26/2002	T. Masuko, et al.		Α
		JP 2001-303015	10/31/2001	K. Sato, et al.		Α
		JP 2000-104040	04/11/2000	S. Fujii		Α
		JP 04-196246	07/16/1992	Y. Akata, et al.		Α

		NON PATENT LITERATURE DOCUM	NTS				
Examiner Initials*							
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Examiner Signature		/Anish Desai/	Date Considered	01/06/2010			

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		US-						

		FOREIG	ON PATENT DOC	CUMENTS		
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		JP 2001-302998	10/31/2001	K. Sumiya, et al.		Α
·• ••		WO 01/60938	08/23/2001	T. Inada, et al.		Α
		JP 2001-115127	04/24/2001	Y. Shimada, et al.		Α
		JP 2002-212525	07/31/2002	M. Kaneda, et al.		Α
		JP 08-204296	08/09/1996	S. Ariga, et al.		Α
		JP 2002-226824	08/14/2002	T. Masuko, et al.		Α
		JP 2003-226857	08/15/2003	Y. Hasegawa, et al.		. А
		JP 2002-012845	01/15/2002	K. Aichi, et al.		Α
		JP 2002-129125	05/09/2002	1. Kirikihira		Α
		JP 2001-294843	10/23/2001	S. Kigoshi, et al.		Α
		JP 2000-154356	06/06/2000	Y. Shimada, et al.		Α
		JP 11-310769	11/09/1999	S. Tajima, et al.		Α
	-	JP 09-001723	01/07/1997	N. Hase, et al.		Α

		NON PATENT LITERATURE DOCUMENTS	
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Examiner	<u> </u>	Date	

Signature /Anish Desai/ Considered 01/06/2010

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				Examiner Name	Anish P. Desai	
Sheet	4	of	4	Attorney Docket Number	1204.45684X00	

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		JP 06-096616	04/08/1994	T. Imai, et al.		Α
		JP 08-208808	08/13/1996	K. Yokota, et al.		Α
		JP 09-279117	10/28/1997	S. Okutsu		Α
		JP 2000-345131	12/12/2000	H. Takamiya, et al.		Α

NON PATENT LITERATURE DOCUMENTS					
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Examiner	/Anich Docai/	Date		
Signature	/Anish Desai/	Considered	01/06/2010	

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